TITLE: Memory-Based Shuffle-Exchange Traceback for Gigabit Ethernet Transceiver INVENTOR: Christian Luetkemeyer DOCKET NO. 13455US03 ATTORNEY: John A. Wiberg PHONE: 312-775-8000 SHEET 1 of 4

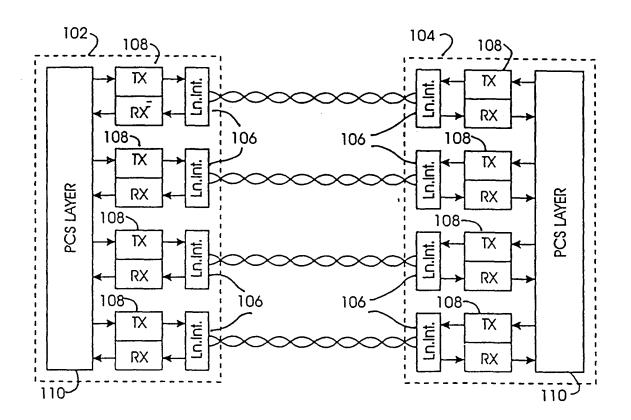
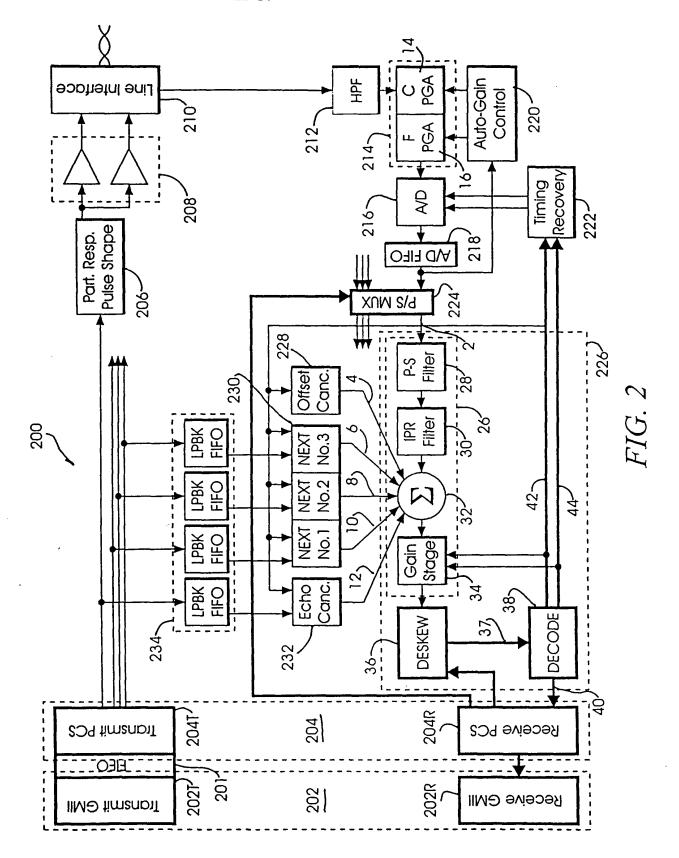


FIG. 1

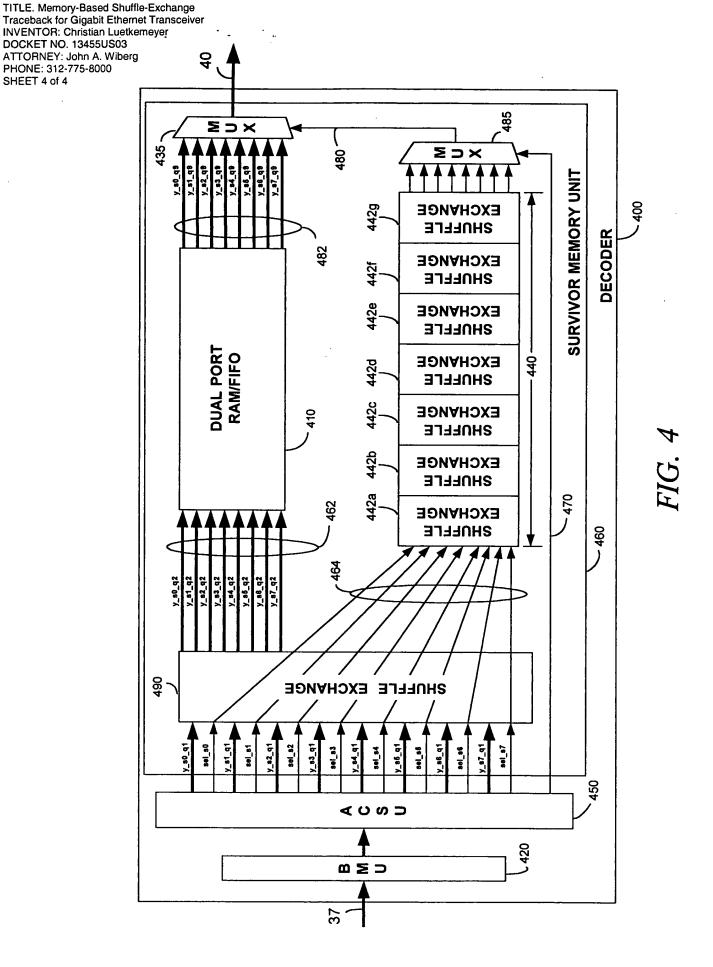
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INVENTOR: Christian Luetkemeyer, DQCKET NO. 13455US03 ATTORNEY: John A. Wiberg PHONE: 312-775-8000 **\$**′ $\Sigma\supset \times$ VITERBI DECODER 342g SHUFFLE EXCHANGE 342f SHUFFLE EXCHANGE 342e SHUFFLE EXCHANGE 342d SHUFFLE EXCHANGE 342c SHUFFLE EXCHANGE SHUFFLE EXCHANGE **SURVIVOR MEMORY UNIT** SHUFFLE EXCHANGE SHUFFLE EXCHANGE 330 y_84_q1 320 **AOS** $\omega \ge 0$ 300

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